

Converting Colors

CIELCh(73, 11.314, 238.120)

Have a look what the booklet for
CIELCh(73, 11.314, 238.120)
contains.

CIELCh(73, 11.295, 237.724)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 11.295, 237.724)

Conversions

Conversions Part 1

Format	Color
Hex	9DB7C4
RGB	157, 183, 196
RGB Percent	62%, 72%, 77%
CMY	0.3833, 0.2813, 0.2303
CMYK	0.20, 0.07, 0.00, 0.23
HSL	200°, 25%, 69%
HSV	200°, 20%, 77%
XYZ	40.9343, 45.1644, 58.9410
YIQ	176.7080, -19.6690, -1.4690

Conversions

Conversions Part 2

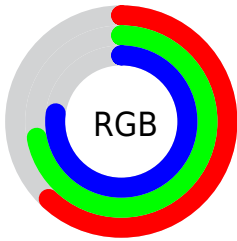
Format	Color
RYB	157, 173, 196
Decimal	10336196
CIELab	73.00, -6.03, -9.55
CIELCh	73, 11.295, 237.724
Yxy	45.1644, 0.2822, 0.3114
Android (android.graphics.Color)	4288526276 (0xFF9DB7C4)
YUV	176.7080, 9.5110, -17.2839
Hunter-Lab	67.2044, -8.8833, -4.9566

Details

The CIELCh color $73, 11.295, 237.724$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $72, 12.546, 54.139$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.418, 238.384$, and $53, 11.205, 237.222$ is the 20% darker color. If you saturate the color by 10%, you get $70, 16.574, 239.083$, and if you desaturate by 10%, it is $76, 5.727, 236.651$.

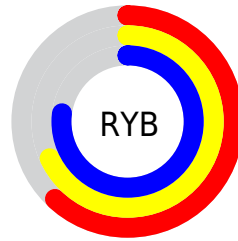
Distribution



Red (62%)

Green (72%)

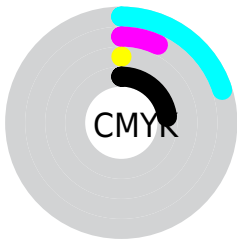
Blue (77%)



Red (62%)

Yellow (68%)

Blue (77%)

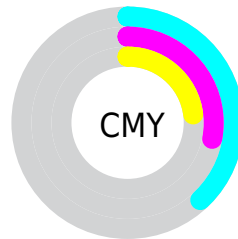


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (38%)


Magenta (28%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.295, 237.724 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 11.295, 237.724 by changing the saturation by 10% instead.


 73, 11.295,
237.724


 73, 11.295,
237.724


 100, 11.295,
237.724


 63, 11.295,
237.724


 93, 11.295,
237.724

 53, 11.295,
237.724

 43, 11.295,
237.724

 33, 11.295,
237.724

 23, 11.295,
237.724

 13, 11.295,
237.724

 3, 11.295, 237.724

0, 11.295, 237.724

73, 11.295,
237.724

73, 11.295,
237.724

70, 16.574,
239.083

76, 5.727, 236.651

67, 21.505,
240.799

79, 0.069, 48.720

64, 26.031,
242.939

83, 6.041, 54.884

61, 30.110,
245.591

86, 12.144, 54.345

59, 33.734,
248.835

89, 18.212, 54.147

56, 36.940,
252.731

91, 18.492, 66.785

92, 19.633, 78.443

94, 21.489, 88.393

■ 54, 39.831,
257.276

■ 96, 23.884, 96.493

■ 52, 42.614,
262.240

■ 52, 42.650,
262.300

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 11.295, 237.724



72, 12.546, 54.139

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 11.295, 237.724



73, 11.295, 287.724



73, 11.295, 57.724



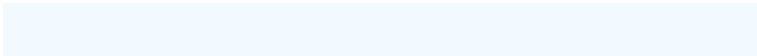
73, 11.295, 107.724

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 11.295, 237.716



98, 4.335, 236.344



76, 20.448, 153.472



52, 2.871, 236.391



0, 0.000, 0.000



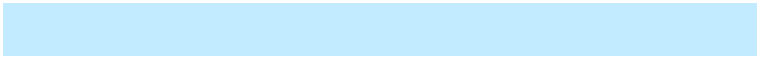
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 11.295, 237.716



91, 16.695, 238.292



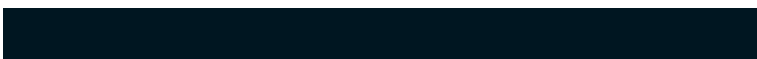
68, 17.672, 283.928



39, 3.257, 236.605



43, 36.447, 261.466



6, 10.825, 250.368

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 20.396, 337.091



85, 30.508, 337.449



76, 17.247, 99.136



38, 5.718, 336.284



35, 64.159, 347.141



3, 17.754, 342.218

Previews

White Background



This preview shows how the CIELCh color 73, 11.295, 237.724 looks on a white background.

Color Contrast Check

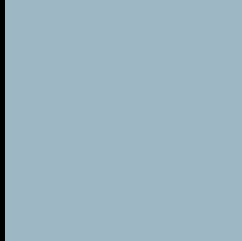
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 11.295, 237.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

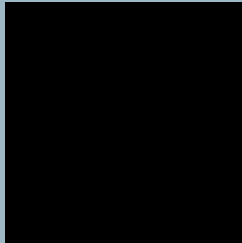
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

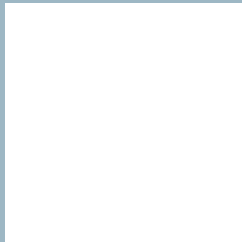
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.295, 237.724

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.295, 237.724.



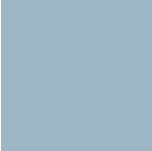
This preview shows how white text looks on a background with the CIELCh color 73, 11.295, 237.724.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
73, 11.702, 243.223

Trichromacy



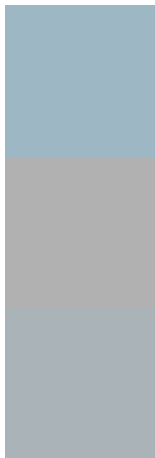
Original Color
73, 11.295, 237.724

Protanomaly
73, 8.321, 265.590

Deuteranomaly
73, 10.877, 289.355

Tritanomaly
73, 11.362, 241.084

Monochromacy



Original Color
73, 11.295, 237.724

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.221, 239.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.295, 237.724 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(157, 183, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 183, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.295, 237.724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 183, 196) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 183, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(157, 183,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.295, 237.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 183, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
183, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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